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# Structure and intramolecular lability of N-(thio)phosphoryl(thio)amides: VI. 1H, 13C, and 31P NMR interpretation of the phosphorylotropic rearrangement in the N,N′-bis(diisopropoxythiophosphorylaminocarbonyl)-1,10-diaza-18-crown-6 ether in DMSO solution

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## Abstract

The phosphorylotropic rearrangement in the N,N'-bis(diisopropoxythiophosphorylaminocarbonyl)-1,10-diaza-18-crown-6 ether in DMSO solution was studied by 1H, 13C, and 31P NMR spectroscopy. The transition from the amide to phosphorylotropic form is accompanied by simultaneous transformation of signals of all structural elements in the 1H, 13C, and 31P NMR spectra.